

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023161**Date Inspected:** 27-Apr-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** N / A**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI continued reviewing re-flashed submittal #58. The QAI noted that the additional reports have been submitted to address category A comments from the original submittals. The submittal reviews were in progress at the end of the shift.

The QAI noted that the Engineer has approved the contractor's request for information (RFI) # 002420R00, regarding material substitution of threaded studs. The QAI has previously reported that these studs were pulled for check samples prior to the RFI being approved. The QAI issued a TL-101 # C642639 and the lot number B212-005-11. The check samples were sent to Translab for testing.

The QAI also noted that the contractor has begun setting up the full size weld trial (mock up) for demonstrating the effectiveness of the proposed Electro-Slag Welding (ESW). The QAI was informed that the weld trial will not be ready for several days.

Summary of Conversations:

The QAI relayed the status of document reviews to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations.

Comments

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Croff, Scott	Quality Assurance Inspector
Reviewed By:	Levell, Bill	QA Reviewer
